Data Files

File name	Description
datalabel.csv	CSV file that contains the data and labels. -1 denotes that a data point is missing.
data.csv	CSV file that contains the data. -1 denotes that a data point is missing.

IV Analysis (given S1) using distance to college or interaction with parental educ as IV (Case 1-6 and 13-14)

File name	Description
analyze_ivpp.m	Main runnable file.
iv_regression.m	Performs IV regression.
generate_titles.m	Sets case_title/case_summary to an appropriate value to display.
generate_xlabels.m	Retrieves the labels for the regressors and sets these to a variable called xlabels.
parse_iv_raw_data.m	Parses raw data into the variables.
populate_iv_data.m	A hub file that specifies the variables and invokes the correct populate_iv_data method depending on the case number.
populate_iv_case14.m	This is invoked for case 1. IV (given S1); instrument for educ, exper, expersq with nearc4, age, agesq
populate_iv_case23.m	This is invoked for case 2. IV (given S1) proxy log of IQ; exclude missing IQ obs; instrument for educ, exper, expersq with nearc4, age, agesq
populate_iv_case23.m	This is invoked for case 3. IV (given S1); proxy log of KWW; exclude missing KWW obs; instrument for educ, exper, expersq with nearc4, age, agesq
populate_iv_case14.m	This is invoked for case 4. IV (given S1 plus nearc4); instrument for educ, exper, expersq with parenteduc*nearc4, age, agesq
populate_iv_case56.m	This is invoked for case 5. IV (given S1 plus nearc4); Proxy log of IQ; exclude missing IQ obs; instrument for educ, exper, expersq with parenteduc*nearc4, age, agesq
populate_iv_case56.m	This is invoked for case 6. IV (given S1 and nearc4); Proxy log of KWW ; exclude missing KWW obs; instrument for educ, exper, expersq with parenteduc*nearc4, age, agesq
populate_iv_case1314.m	This is invoked for case 13. IV (given S1 and log(KWW)); instrument for educ, exper, expersq with nearc4, age, agesq.
populate_iv_case1314.m	This is invoked for case 14. IV (given S1 plus nearc4 and log(KWW)); instrument for educ, exper, expersq with parenteduc*nearc4, age, agesq
get_std_error.m	Calculates linear IV robust standard error.
run_iv_analysis.m	Computes and displays IV regression coefficient, bounds, and confidence intervals.
setBoundsd.m	Computes the bounds and confidence regions